## DT07 Rec'd PCT/PTO 2 0 DEC 2004

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

|   | TRA   | INSMITTAL LETTER TO THE UNITED STATES   | ATTORNEY'S DOCKET NUMBER                                      |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
|   | D   | ESIGNATED/ELECTED OFFICE (DO/EO/US)   | 016906-0360   |  |  |  |  |  |  |  |  |  |  |  |
|   | C   | DNCERNING A FILING UNDER 35 U.S.C. 371  | U.S. APPLICATION NET (Fpo seg 378 F 9 1.5) Urtassigne 0 4 8 9 |  |  |  |  |  |  |  |  |  |  |  |
|   |   | NAL APPLICATION NO. INTERNATIONAL FILING DATE   | PRIORITY DATE CLAIMED   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | 003/006576 June 23, 2003  | 06/21/2002  |  |  |  |  |  |  |  |  |  |  |  |
| TITLE OF INVENTION HEAT TRANSMITTER ARRANGEMENT |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   | APPLICANT(S) FOR DO/EO/US  Markus FLIK, Jochen EITEL and Volker KURZ  |   |   |  |  |  |  |  |  |  |  |  |  |  |
| App   | Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |   |   |  |  |  |  |  |  |  |  |  |  |  |
| 1.  | $\boxtimes$   | This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.   |   |  |  |  |  |  |  |  |  |  |  |  |
| 2.  |   | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.   |   |  |  |  |  |  |  |  |  |  |  |  |
| 3.  | $\boxtimes$   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.   |   |  |  |  |  |  |  |  |  |  |  |  |
| 4.  |   | The US has been elected (Article 31).   |   |  |  |  |  |  |  |  |  |  |  |  |
| 5.  | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | is attached hereto (required only if not communicated by the International Bureau).   |   |  |  |  |  |  |  |  |  |  |  |  |
| 1   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |
|   |   | is not required, as the application was filed in the United States Receiving Office (RO/US)   |   |  |  |  |  |  |  |  |  |  |  |  |
| 6.  |   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  ☑ is attached hereto. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).  |   |  |  |  |  |  |  |  |  |  |  |  |
| 7.  |   | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  are attached hereto (required only if not transmitted by the International Bureau).  have been communicated by the International Bureau.  have not been made; however, the time limit for making such amendments has NOT expired.  have not been made and will not be made. |   |  |  |  |  |  |  |  |  |  |  |  |
| 8.  |   | An English language translation of the amendments to the claim:   | s under PCT Article 19 (35 U.S.C. 371(c)(3)).                 |  |  |  |  |  |  |  |  |  |  |  |
| 9.  | $\boxtimes$   | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |  |  |  |  |  |  |  |  |  |  |  |
| 10.   |   | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |   |  |  |  |  |  |  |  |  |  |  |  |
| lten  | ns 11 to 2  | 0 below concern other document(s) or information included   |   |  |  |  |  |  |  |  |  |  |  |  |
| 11.   | $\boxtimes$   | An Information Disclosure Statement under 37 CFR 1.97 and 1.9   | 98.   |  |  |  |  |  |  |  |  |  |  |  |
| 12.   | $\boxtimes$   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is include   |   |  |  |  |  |  |  |  |  |  |  |  |
| 13.   | $\boxtimes$   | A preliminary amendment.  |   |  |  |  |  |  |  |  |  |  |  |  |
| 14.   | $\boxtimes$   | An Application Data Sheet under 37 CFR 1.76.  |   |  |  |  |  |  |  |  |  |  |  |  |
| 15.   |   | A substitute specification.   |   |  |  |  |  |  |  |  |  |  |  |  |
| 16.   |   | A power of attorney and/or change of address letter.  |   |  |  |  |  |  |  |  |  |  |  |  |
| 17.   |   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825   |   |  |  |  |  |  |  |  |  |  |  |  |
| 18.   |   | A second copy of the published international application under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |  |  |  |  |  |
| 19.   |   | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |  |  |  |  |  |
| 20.   |   | Other items or information:   |   |  |  |  |  |  |  |  |  |  |  |  |

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| 1 k 11./ p 1 U // |   |                        |  |  |                        |             | Y'S DOCKET NUMBER |                                     |  |  |  |
|--|---|------------------------|--|--|------------------------|-------------|-------------------|-------------------------------------|--|--|--|
| 21. ⊠The following fees are submitted:   |   |                        |  |  |                        |             |                   |                                     |  |  |  |
| 🛛 a) Basic   | national fe   |                        |  | <del></del>                                      | \$                     | 300.00      | \$                | 300.00                              | <del> </del>                                     |  |  |
| 🛛 b) Exami   | ination fee   | •                      |  |  |                        | 200.00      | \$                | 200.00                              |  |  |  |
| C) Searc   |   |                        |  |  |                        | 500.00      | \$                | 500.00                              |  |  |  |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00  |   |                        |  |  |                        |             | \$                | 1000.00                             |  |  |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.   |   |                        |  |  |                        |             |                   |                                     | •  |  |  |
| Total Sheets Extra sheets  |   |                        | Number of each additional 50 or fraction thereof (round <b>up</b> to a whole number) |  |                        | RATE        |                   |                                     | ۵  |  |  |
| 11 - 100 =   | 0   | /50 =                  |  | 0  |                        | x \$250.00  | \$                | 0.00                                |  |  |  |
| Surcharge of   | \$130.00 fc   | or furnishin           | g the oat  | th or declaration later than                     | 30 month               | s           | \$                | 0.00                                | <del>                                     </del> |  |  |
| from the earlie  |   |                        |  |  |                        |             | `                 |                                     | ļ  |  |  |
| CLAIMS   | ,.  | NUMBER<br>FILED        |  | NUMBER EXTRA                                     | RATE                   |             | \$                |                                     | <u>.                                    </u>     |  |  |
| Total Claims   |   | 10                     | - 20 =   | 0  | ×\$                    | 50.00       | \$                | 0.00                                |  |  |  |
| Independent (  | Claims  | 1                      | - 3 =  | 0  | ×\$                    | 200.00      | \$                | 0.00                                |  |  |  |
| MULTIPLE DE  | EPENDEN   | VT CLAIM(              | S) (if app   | olicable)  | + \$                   | 360.00      | \$                |                                     |  |  |  |
|  |   |                        |  | TOTAL OF ABOV                                    | E CALCU                | LATIONS =   | \$                | 1000.00                             | L  |  |  |
| ☐ Applic   | ant claims  | s small ent            | ity status   | . See 37 CFR 1.27. The fe                        | ees indica             | ted +       | \$                | 0.00                                |  |  |  |
|  | are reduc   |                        |  |  |                        |             |                   |                                     |  |  |  |
|  |   | ~ f . f!-              |  |  |                        | JBTOTAL =   | \$                | 1000.00                             |  |  |  |
| Processing fe-<br>from the earlie  |   |                        | -  | English translation later the EFR 1.492(f)).     | an 30 mor              | ıths        | \$                |                                     |  |  |  |
|  |   |                        |  | тоти   | AL NATIO               | NAL FEE =   | \$                | 1000.00                             |  |  |  |
|  |   |                        |  | (37 CFR 1.21(h)). The as                         |                        |             | \$                | 40.00                               |  |  |  |
| accompanied  | by an app   | propriate co           | ver snee   | et (37 CFR 3.28, 3.31). 40                       |                        | <del></del> | <u> </u>          | 1240.00                             |  |  |  |
|  | <del></del>   |                        |  | IOIAL  | FEES EN                | CLOSED =    | \$                | 1040.00                             |  |  |  |
|  |   |                        |  |  |                        |             | <u> </u>          | Amount to be refunded:              |  |  |  |
|  |   |                        |  |  |                        |             |                   | charged:                            |  |  |  |
| a. 🛛 A   | check in t  | the amou               | nt of \$ <u>1</u> .  | <u>,040.00</u> to cover the ab                   | ove fees               | is enclosed | i.                |                                     |  |  |  |
|  | b.  Please charge my Deposit Account No. 19-0741 in the amount of to cover the above fees.  A duplicate copy of this sheet is enclosed.   |                        |  |  |                        |             |                   |                                     |  |  |  |
| c. 🛭 Th  | c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed. |                        |  |  |                        |             |                   |                                     |  |  |  |
| info   |   |                        |  |  |                        |             |                   |                                     |  |  |  |
| NOTE: Who  | ere an a  | ppropriat<br>(b)) must | te time<br>be file   | limit under 37 CFR 1.4<br>d and granted to resto | 494 or 1.<br>ore the a | 495 has no  | ot bee            | en met, a petition<br>nding status. | on to revive (37                                 |  |  |
| SEND ALL (   | CORRES  | PONDEN                 | X  | MUHAL  | 2                      |             |                   |                                     |  |  |  |
| SIGNATU Foley & Lardner LLP Richard  |   |                        |  |  |                        |             |                   |                                     |  |  |  |
| Customer Number: 22429   |   |                        |  |  |                        |             |                   | Schwaab                             |  |  |  |
| IVAIVIE  |   |                        |  |  |                        |             |                   |                                     |  |  |  |
| 25,479   |   |                        |  |  |                        |             |                   |                                     |  |  |  |
|  |   |                        | RATIO  | N NUMBER   |                        |             |                   |                                     |  |  |  |